

Application Data Sheet

Application Information

Application Type:: Utility
Subject Matter::
Title:: HIGH-PERFORMANCE VAPORIZER FOR
LIQUID-PRECURSOR AND MULTI-LIQUID-
PRECURSOR VAPORIZATION IN
SEMICONDUCTOR THIN FILM DEPOSITION
Attorney Docket Number:: M419.12-0043
Request for Non-Publication?::
Suggested Drawing Figure::
Total Drawing Sheets:: 8
Small Entity?:: Yes
Petition included?::
Petition Type::

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: U.S.A.
Given Name:: Benjamin Y.H.
Family Name:: Liu
Name Suffix::
City of Residence:: North Oaks
State or Province of Residence:: MN
Country of Residence:: U.S.A.
Street of Mailing address:: 1 North Deep Lake Road
City of Mailing address:: North Oaks
State of Province of mailing address:: MN
Country of mailing address:: U.S.A.
Postal or Zip Code:: 55127

Applicant Authority Type:: Inventor
 Primary Citizenship Country:: U.S.A.
 Given Name:: Yamin
 Family Name:: Ma
 Name Suffix::
 City of Residence:: Roseville
 State or Province of Residence:: MN
 Country of Residence:: U.S.A.
 Street of Mailing address:: 2405 Pascal Street North
 City of Mailing address:: Roseville
 State of Province of mailing address:: MN
 Country of mailing address:: U.S.A.
 Postal or Zip Code:: 55113

Comments: Repeat the above for each inventor

Correspondence Information

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 Street of mailing address:: Westman, Champlin & Kelly
 900 Second Avenue South, Suite 1600
 City of mailing address:: Minneapolis
 State or Province of mailing address:: MN
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 E-Mail address:: nwestman@wck.com

Representative Information

Representative Designation::	Registration Number::	Representative Name:
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Primary	20147	Nickolas E. Westman
Primary	34797	Judson K. Champlin
Primary	34847	Joseph R. Kelly
Primary	36188	Steven M. Koehler
Primary	34557	David D. Brush
Primary	38354	John D. Veldhuis-Kroeze
Primary	39758	Theodore M. Magee
Primary	35612	Deirdre Megley Kvale
Primary	42413	Christopher R. Christenson
Primary	41885	Brian D. Kaul
Primary	45466	Nathan M. Rau
Primary	45844	Christopher L. Holt
Primary	45956	Alan G. Rego
Primary	48516	Todd R. Fronek
Primary	49027	Linda P. Ji
Primary	53675	Leanne R. Taveggia
Primary	24383	Robert M. Angus
Primary	32015	David C. Bohn
Primary	30214	Z. Peter Sawicki
Primary	48774	Peter J. Ims
Primary	51655	Bryan F. Erickson

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application			MM/DD/YY

Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
		MM/DD/YY	Yes or No

Assignee Information

Assignee name:: MSP CORPORATION
 Street of mailing address:: 5910 Rice Creek Parkway,
 Suite 300
 City of mailing address:: Shoreview
 State or Province of mailing address:: MN
 Country of mailing address:: U.S.A.
 Postal or Zip Code of mailing address:: 55126